

**WHAT IS CLAIMED IS:**

1           1.       A procedure for sound reproduction, which operates directly on the particles in  
 2           the ambient air without using collisions via a membrane, but via at least one electromagnetic  
 3           field which is variable according to the rhythm of an audio modulation which forces the  
 4           ambient air particles to move, which creates sounds through the air particles being set in  
 5           motion, having been pre-oriented in a constant electromagnetic field by the constant  
 6           electromagnetic field of the earth, this fixed motor procedure with ambient air particles in a  
 7           rotating field, is an acoustic complement for all fields of audio and AV.  
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1           2.       A procedure according to claim 1, characterized by the constant  
 2           electromagnetic field orienting the particles artificially, the density of the reference  
 3           electromagnetic field being thereby perfectly adjusted.

1           3.       A device for sound reproduction being a high definition electro-acoustic  
 2           transducer made up of at least one solenoid coiled on a rod, with the solenoid linked and  
 3           electronically mounted in series or in parallel from any part of the audio electrical circuit, the  
 4           pre-oriented particles of the ambient air undergo de-polarizations caused by the solenoid,  
 5           which creates sounds, the impedance is adapted by an expert in the field, for example two or  
 6           ten ohms, and the device, a fixed motor with rotating field, is an acoustic complement for all  
 7           fields of audio and AV, acting in the ambient space, without using collisions of particles via a  
 8           membrane, and giving an excellent acoustic reproductive finesse.

1           4.       A device according to claim 3, characterized by the fact that the coil solenoid  
 2           may receive at least a secondary, which constitutes an electro-acoustic transformer through  
 3           the addition of variable electromagnetic fields.

1           5.       A device according to claim 3, wherein by a constant electromagnetic field,  
 2           with a small magnet can slide into an elastic groove, so that it can be set at the optimum  
 3           adjustment for acoustical performance.

1           6.       A device according to claim 4, wherein by a constant electromagnetic field,  
2 with a small magnet can slide into an elastic groove, so that it can be set at the optimum  
3 adjustment for acoustical performance.

1           7.       A device according to claim 3, characterized by the fact that it is a self-  
2 induction coil enabling self-induction coil and acoustic filter components to be suppressed.

1           8.       A device according to claim 4, characterized by the fact that it is a self-  
2 induction coil enabling self-induction coil and acoustic filter components to be suppressed.

1           9.       A device according to claim 5, characterized by the fact that it is a self-  
2 induction coil enabling self-induction coil and acoustic filter components to be suppressed.

1           10.      A device according to claim 6, characterized by the fact that it is a self-  
2 induction coil enabling self-induction coil and acoustic filter components to be suppressed.